Title (en)
Image processing method, image processing apparatus and image processing program

Title (de)
Bildverarbeitungsverfahren, Bildverarbeitungsvorrichtung und Bildverarbeitungsprogramm

Title (fr)
Procédé de traitement d'images, appareil de traitement d'images et programme de traitement d'images

Publication
EP 2199976 B1 20140430 (EN)

Application
EP 09014892 A 20091201

Priority
JP 2008287525 A 20081110

Abstract (en)
[origin: US2010119129A1] Regions outside the surfaces of subject's bodies being emphasized is prevented when generating pseudo three dimensional medical images. An image processing apparatus is equipped with: an image obtaining section, for obtaining a plurality of medical images that represent transverse sections of a subject, which has been imaged in advance; a region classifying section, for classifying regions within each of the plurality of medical images as being one of a subject region that represents the interior of the surface of the subject's body, and a non subject region that represents the exterior of the surface of the subject's body; and a pseudo three dimensional medical image generating section, for generating a pseudo three dimensional medical image by executing an intensity projection method based on image information that represents the plurality of regions which are classified as being subject regions.

IPC 8 full level
G06T 7/00 (2006.01); **A61B 5/055** (2006.01); **A61B 6/03** (2006.01); **G06T 15/00** (2011.01)

CPC (source: EP US)
G06T 7/11 (2016.12 - EP US); **G06T 7/136** (2016.12 - EP US); **G06T 15/08** (2013.01 - EP US); G06T 2207/10072 (2013.01 - EP US); G06T 2207/30061 (2013.01 - EP US)

Cited by
CN102573640A; CN104240215A; CN106846354A; US8655072B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
US 2010119129 A1 20100513; EP 2199976 A2 20100623; EP 2199976 A3 20120509; EP 2199976 B1 20140430; JP 2010110544 A 20100520

DOCDB simple family (application)
US 59110609 A 20091109; EP 09014892 A 20091201; JP 2008287525 A 20081110